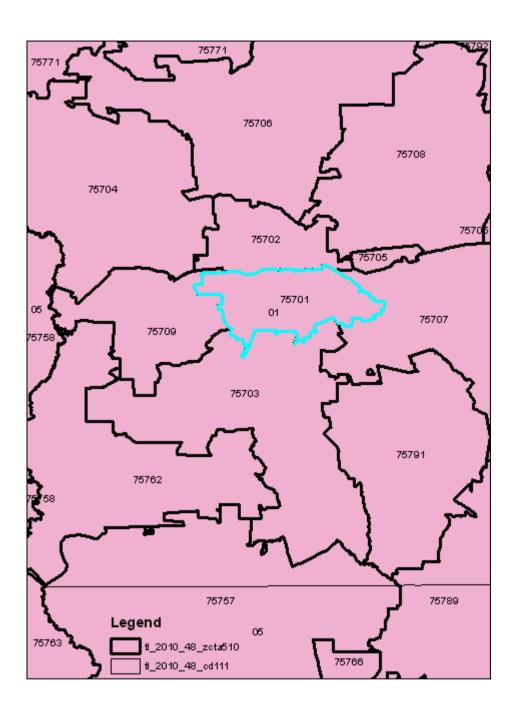
## Explanation of the 2010 ZIP Code Tabulation Area (ZCTA) to 111<sup>th</sup> Congressional District Relationship File:

The 2010 ZIP Code Tabulation Area (ZCTA) to 111th Congressional District Relationship File provides relationships between the 2010 ZCTAs and the 111<sup>th</sup> Congressional Districts. Each record in the relationship file represents one polygon that is formed when the 2010 ZCTAs overlay the 111th Congressional Districts. This file represents intersections of geography only. In situations where there is a 111th Congressional District, but no ZCTA exists, the record is not included in this file. It is important to note that all population and housing unit figures given in the file are from the 2010 Census.

## Explanation of ZCTA to 111th Congressional District Relationship File: Example 1

In this example, ZCTA 75701 is highlighted in blue below and falls wholly within Congressional District 1, which is outlined in the thin black line. Therefore, there is only one corresponding record in the relationship file. The 2010 population for this relationship record is 34373 (POPPT) and is equal to the 2010 Census population of 34,373 for ZCTA 75701 (ZPOP). Likewise, the 2010 Census housing unit count for both the relationship record (HUPT) and the ZCTA (ZHU) is 14,582. Therefore, the percentage of the total population of ZCTA 75701 represented by the relationship record (ZPOPPCT) is 100. Although ZCTA 75701 falls entirely within Congressional District 1, Congressional District 1 contains many different ZCTAs. The 2010 Census population living in Congressional District 1 is 723,464 (CDPOP) but the percentage of the total population of Congressional District 1 that lives within ZCTA 75701 and is represented by the relationship record (CDPOPPCT) is 4.75.

Field	Value	
ZCTA5	75701	
STATE	48	
CD	01	
POPPT	34373	
HUPT	14582	
AREAPT	40774980	
AREALANDPT	40707790	
ZPOP	34373	
ZHU	14582	
ZAREA	40774980	
ZAREALAND	40707790	
CDPOP	723464	
CDHU	309045	
CDAREA	23094382580	
CDAREALAND	22013576864	
ZPOPPCT	100	
ZHUPCT	100	
ZAREAPCT	100	
ZAREALANDPCT	100	
CDPOPPCT	4.75	
CDHUPCT	4.72	
CDAREAPCT	.18	
CDAREALANDPCT	.18	



## Explanation of ZCTA to 111th Congressional District Relationship File: Example 2

In this example, ZCTA 75149 is highlighted below in blue and falls mostly into Congressional District 5 with a small percentage of its area into Congressional District 30, as shown with the thin black line. Therefore, there are two corresponding records in the relationship file. The first record describes the relationship between ZCTA 75149 and Congressional District 5. The 2010 Census population living within ZCTA 75149 is 56,065 (ZPOP) and 56,065 (POPPT) also live within Congressional District 5. This represents 100% of the total population (ZPOPPCT) for ZCTA 75149. Furthermore, out of the total population living within Congressional District 5, 7.73% (CDPOPPCT) live within ZCTA 75149. The second record describes the relationship between ZCTA 75149 and Congressional District 30. The 2010 Census population living within ZCTA 75149 and in Congressional District 30 is 0 (POPPT) and represents 0% of the total population (ZPOPPCT) for ZCTA 75149. Furthermore, 0% of the total population within congressional district 30 also lives in ZCTA 75149 (CDPOPPCT).

Field	Value 1	Value 2
ZCTA5	75149	75149
STATE	48	48
CD	05	30
POPPT	56065	0
HUPT	20056	0
AREAPT	41186397	119477
AREALANDPT	41016344	119477
ZPOP	56065	56065
ZHU	20056	20056
ZAREA	41305874	41305874
ZAREALAND	41135821	41135821
CDPOP	725642	706469
CDHU	295673	280685
CDAREA	14529238645	826986831
CDAREALAND	13987837095	814198234
ZPOPPCT	100	0
ZHUPCT	100	0
ZAREAPCT	99.71	.29
ZAREALANDPCT	99.71	.29
CDPOPPCT	7.73	0
CDHUPCT	6.78	0
CDAREAPCT	.28	.01
CDAREALANDPCT	.29	.01

